

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: John Poulton <jp@cs.unc.edu>
Subject: 'Fests in Si Valley, 4/26-4/27??
Message-ID: <199704152155.RAA24253@mira.cs.unc.edu>

Anyone know if there'll be any hamfests in the Silicon Valley area weekend after next? Thanks to airline fare structures, I'm going to be there, like it or no....

Thanks much!
John Poulton KF4OZY

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: George McCrary <geo@ipass.net>
Subject: 1951/1952 Hallicrafters Contest
Message-ID: <3.0.16.19970415083957.2c6fe92e@ipass.net>

Hello Folks,

I've just recently gotten my first vintage radio(s), but I've been perusing older QSTs for several years. One thing that has always intrigued me are the ads that Hallicrafters ran for their contest in 1951 and 1952.

For those of you who haven't seen them, it basically went like this. The first ten Novices who upgraded to General or Conditional class and worked all 48 states got a Hallicrafters S-76 receiver. All other Novices who upgraded and worked all states got \$25 in cash (this was 45 years ago!). The contest period was from Sept 8, 1951 to Sept 7, 1952. All QSOs Novice or otherwise counted during the period (you didn't have to upgrade first).

Anyone out there who participated? How hard was it to work all states and get QSLs in the early fifties? Have any other companies done anything like this since?

George (KQ4QM)

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Bob Login <jlogin@gville.mindspring.com>
Subject: 5100B
Message-ID: <199704151713.NAA06833@brickbat9.mindspring.com>

Hi--Have a B&W 5100B up and running but the meter shunt for the plate smoked and I replaced it with a couple of 18 ohm 1w resistors in parallel. Still pins the plate

meter---any comments abt cause or fix??? Also would like a copy of a 5100B manual--
willing to pay for one or whatever-- have copy of 5100 but its not the same rig--can anyone help
me out? 73's Bob AA8A

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Glenn Finerman <GFINER@nms.com>
Subject: Re: 75S1 Purchase
Message-ID: <s353690c.025@nms.com>

I'm posting Bob W5TX's comments (with his permission) because of the many requests I received for information on the subject of re-capping older receivers. I hope you find this as informative as I have;
By the way, I did purchase the 75S-1 last night. Turned out to be in very nice shape with a factory installed CW filter!. All the caps WERE NOT replaced, just the power supply electrolytics and paper caps. All the Ceramic and silver mica's were left alone (WHEW!) and the seller did a real nice job (after a careful internal inspection BEFORE handing over the money)

Bob said;
re>

In my honest opinion, changing out all the caps is foolish for the following reasons:

1) In most cases, the caps are still fine and simply don't need changing out. There are a few instances of generic problems -- but in the s-line they are few and far between.

2.) The normal result of such changeouts is a messed up unit. Removal is not easy in many cases and the odds are that more damage will be done in the changeout than would ever occur if cap failed!

A few of the generics that I have found are the silver micas in the A line (small rectangular red caps -- not the maroon dipped units) which have a penchant to get leaky due to growing of dendrite spurs. This apparently is caused by the inability to achieve/maintain a good moisture seal vs time. AGC funnies are almost a sure clue as to the presence of positive voltage on grids of IF stages in A-Line requiring cap replacement (not wholesale however). Another is the low voltage electrolytic bypass on the first audio stage in the S-line receivers. This bypass may just not have enough voltage across it to keep it healthy. Sometimes just shorting across it or any kind of transient will bring it back to life (temporarily at least). Occasionally the "black beauties" in the A-line give problems but for me at least they are not in the top 10 bad guys.

These are my experiences and others may have other views of course.

Once in a while someone calls and asks what I want to change all of caps out and I simply say "Don't do it and I won't do it". A waste of someones money and my time!

>

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
Subject: AR-88 Material - Postage Problems
Message-ID: <Pine.A32.3.91.970415180906.24014D-100000@ppdu.nrl.navy.mil>

Friends,

I have been happy to send a compendium of material on the AR-88 and related radios but I have just received several a self-addressed stamped envelopes with insufficient postage stamps attached. The First Class postage for the stack of material comes to exactly \$3.00 so please put that many stamps on the envelope when you request the material.

Thanks, Paul Bernhardt, KF4FOR

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "JerryL." <glockett@lightspeed.net>
Subject: Re:BC610s
Message-ID: <3353F6A6.2EE3@lightspeed.net>

Eugene Rippen wrote:

>

A friend of mine has two (2) BC610's that he will part with for \$50 for the pair. Pickup only in Bakersfield, CA . These have been sitting outside with a tarp over them for a number of years. The cabinets are oxidized, but a quick glance didn't reveal any dints, just need repainting. They have 'not' been stripped and appear to be complete sans

any accessories etc. They are heavy as heck, is why the no shipping. One of them he told me, is serial #2 if that means something. contact me for any other details..

glockett@lightspeed.net
Phone/Fax (24-hrs) 805-589-4120

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: dlr11@scasd.k12.pa.us (Douglas Ripka)
Subject: Bloomsburg Hamfest

Message-ID: <199704151227.IAA20037@scasd.k12.pa.us>

Hi Gang,

I went to the Bloomsburg Hamfest on Sunday, held at the Bloomsburg Fairgrounds. Here are some of the things I saw for sale:

Halli R-46 speaker, rough \$2 (sold very quickly)
Lafayette KT-40 (?) multiband SW radio \$15 (also sold quickly)
Hammarlund HQ-129, knobs nor original, not working, with original speaker, didn't get the price, sold
National NC-300, clean, working \$150, hadn't sold when I left
Johnson Viking II CDC w/ VFO, no price shown
B&W GDO with coils and spare acorn tubes, \$15 (sold)
Heathkit HW-16, very rusty, "transmitter works, but receive is weak" \$20
Halli Sky Buddy, round metal dial, fellow said he had an offer of \$50 for it
Hethkit TX-1, looked nice
Johnson Adventurer, meter not original, but otherwise clean, with manual \$10 (I got this one)
7 novice band 80 and 40 meter crystals \$5 (got these too)
McElroy code trainer set, \$25, sold for \$20

Also some people with loose parts, sockets, some tubes.

Finally, a query: does anyone have some spare paper tapes for an Instructograph? I have one, but not tapes. I have a manual (1937) that I could photocopy as a partial trade. BTW, if your Instructograph has a code oscillator built inside it using a #30 tube, and you thought who would do this to a nice piece of equipment, well the manual shows you how! (Mine has this mod in it.)

73,

Doug

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: leeboo@ct.net (Leon Wiltsey)
Subject: BOOKS
Message-ID: <199704150336.XAA26729@blue.ct.net>

>To: GB
>From: leeboo@ct.net (Leon Wiltsey)
>Subject: BOOKS

>Cc:
>Bcc:
>X-Attachments:
>
>Hi Gang
>I have been asking for old rad am hndbks.
>So now I have some. but they are too new. I have
>1969 1972 1977-& 1976. All are full of solid state stuff(cry cry cry).
>I am willing to trade 2 for 1 or ever 3 for 1 to get a 1960 or older radio
am hndbook.
>Just cant build solid state projects(I tried one it was a mess). I did get
one 1960 handbook
> and It had lots of good tube stuff in it. So pse lets do some trading,
>but I cant use anything newer than 1959. that way I can continue to build
my ancient station.
>all the books are in fine shape with good bindings. pse email your answers.
>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)
4600 Lake Haven blvd...
Sebring fl 33872.....

68yr old retired semi disabled senior
(stroke got my balance and coordination)
formerly w4kcj & kp4ryb (till I quite) dumb dumb
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: CRT for 547...
Message-ID: <199704150552.WAA06074@kim.teleport.com>

>Stan,
> I recently purchased a 547 that needs a new CRT. Would you
>happen to know where one is? I assume that this is the same one
>that goes in my RM545B, but I'd rather not tear that one up.

Hi Dan,

Turns out that the 547 uses the same CRT as the 543B, 544, 545B, and 546 and the rackmount versions of the same scopes. I have so many unfinished projects, I don't know if I have any spares or not. Deane Kidd may have one. Another possibility is to look through the pile of loose CRTs in your local surplus store. These guys often have a dozen or two tubes and no idea what they go in so you might get one pretty cheap. I can give you a list of part numbers to look for. The numbers are usually right on the CRT.

>Are there any special fixtures necessary to calibrate either one
>of these scopes?

What you really need is a manual. The manual has the calibration procedure in it and a list of all the stuff you need to do the whole job. You can do some of the job even if you don't have all of the equipment. Take a look at the list in the manual and then ask me specific questions regarding the stuff you don't have and I can tell you what you won't be able to calibrate and maybe offer an alternate solution.

> Thanks,
>
> Dan Kerl
> dlkerl@ro.com
>

Your're welcome, Dan. Anytime.

Stan w7ni@teleport.com

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Deal Gone Sour
Message-ID: <970414235114_71333.144_DHB29-1@CompuServe.COM>

I don't normally do this kind of stuff. In fact, this is the first time ever that I have posted something negative about a seller anywhere. So I guess that tells you that I think this is important.

A fellow named Francis Conway in Fort Lauderdale FL is selling some old gear including Navy radios. On March 23 he agreed to sell me 2 RAS radios for a total of \$230 plus \$130 shipping. I mailed the check on March 24. He cashed it on March 28. Today one broken down hulk of an RAS receiver shows up at my door and a letter saying the "good" radio had been sold. You guessed it, no refund was enclosed.

I called him and he told me that someone else had sent a check for the "good" RAS before me and so he sent it to them. Then he denied ever receiving a check

for both radios (alarm!) and when I went over all the arrangements we had made he insisted that I had to prove my case and send it all to him in a letter before he would consider sending me my refund.

He also used a packing store instead of UPS which I had specifically asked him not to do and he did not send receipts for shipping.

I have the cancelled check so let's see if I get my refund. Meanwhile my advise is to make a wide detour around Francis Conway of Fort Lauderdale.

73, Don

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Deal Gone Sour--Transaction etiquette
Message-ID: <1997Apr15.093057-0500@spike.vuse.vanderbilt.edu>

In <970414235114_71333.144_DHB29-1@CompuServe.COM>, don merz wrote:

[Snip tale of woe]

>

>He also used a packing store instead of UPS which I had specifically
>asked him not to do and he did not send receipts for shipping.

>

If it hasn't been done before, I'd like to promote a little discussion about the etiquette of net transactions. After all, it is the engine of commerce that substantially drives the search for information that is the focus of this mail group.

I recently did a deal with an individual who shall remain unnamed (so far). We mutually agreed on a price, which he explicitly stated included shipping. The allowance for shipping of a big ol' receiver was about \$50. My experience suggested that this was reasonable.

There was a delay for about two weeks after I sent the money order, and I got an e-mail from the chap. He said that I would be very pleased with the goods and the condition of the goods because he went to a Mailboxes ETC place to have it shipped, and incidentally, could I send him the extra \$50 it cost? He would be glad to send me the packing store receipt.

Having experience the larceny of packing stores before (I'd sooner set my hair on fire and beat it out with a hammer than ever do business with one again), had I been asked I would have insisted that he take

it to UPS. In most areas they do "Versa-Pak" packing, which is very effective, for a modest fee (\$12 or so plus box). Instead I get this hit after the fact.

I need an ethical calibration here.

The lesson learned is always to specify explicitly a method of shipment that is acceptable to both parties. Perhaps we should draft up a sales agreement, or at least a set of guidelines, suitable for net transactions....

73 A. B. Bonds

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Deal Not So Sour After All
Message-ID: <970415025937_71333.144_DHB15-1@CompuServe.COM>

Well, this is my official, embarrassed and apologetic retraction of what I just wrote about my deal with Francis Conway.

After rooting around in the boxes some more, I found an envelope with a refund check in it. I could argue over the amount. And I could complain about many other aspects of this deal. I still don't know why he denied receiving my check for both radios over the phone...maybe he just forgot.

But I think Francis was trying to do this right. He just got it all wrong. It appears to have been more of a comedy of mistakes and mis-statements rather than any attempt at dishonesty.

I already called him and apologized. My apologies to you too for wasting your time and bandwidth with this.

73, Don

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Eimac Update
Message-ID: <970415181559_71333.144_DHB60-1@CompuServe.COM>

For those who requested the Eimac literature copies, here is a quick update: As of today, 4/15 at noon, 24 copies have been mailed with 4 s
4 still waiting to be mailed. K6BJ's legacy is in your hands now.

73, Don

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: azoth@netcom.com (Az0th)
Subject: Fan control
Message-ID: <199704151932.PAA09218@netcom6.netcom.com>

Hiyall,

Can anyone suggest an efficient, light-duty, AC motor speed control suitable for use around radio equipment? Most such devices I've used are fine RFI generators, and I'm looking for something to regulate the cooling fans on some of my radio equipment. I'll use a resistor in line if I have to, but generating heat in the interests of cooling seems very unpoetic, and I'd rather not replace the fans themselves.

I'm willing to exchange a modest drop in CFM to reduce the ambient noise in my shack.

Cheers es 73
de RF Buchanan - KF4FJH

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: Fan control
Message-ID: <Pine.ULT.3.95.970415151901.15618A-1000000@admin.aurora.edu>

On Tue, 15 Apr 1997, Az0th wrote:

> Can anyone suggest an efficient, light-duty, AC motor speed control
> suitable for use around radio equipment?
>
> I'm willing to exchange a modest drop in CFM to reduce the ambient
> noise in my shack.

One thing that has worked well for me is to use pairs of fans wired in series. They are almost inaudible that way. Another option to using a resistor to slow down an individual fan is to use a capacitor. That takes a bit of experimenting. If you get the wrong value you can actually increase the voltage up to around 180V (great if you happen to have some surplus 220V units and want to run them from 120V).

E-mail broehrig@admin.aurora.edu

73 de Bob, K9EUI

CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: Fan control
Message-ID: <3.0.1.32.19970415153052.00697de4@mailman.ghgcorp.com>

At 07:33 PM 4/15/97 GMT, Az0th wrote:

>Can anyone suggest an efficient, light-duty, AC motor speed control
>suitable for use around radio equipment? Most such devices I've used
>are fine RFI generators

One of the things that keep my BA's cool are muffin fans. As my
grandfather preaches - tubes hate heat build-up.

On the AC muffin fans, I find that variacs are great for speed control, and
generate no RFI when in steady state operation. They theoretically could
generate RFI when you are changing windings, but mine seems to be very
quiet. They aren't real expensive used - I paid like \$20 for my 6 amp
unit, and like \$40 for my TEXAS sized whole-shack 18 amper! Just stay away
from light dimmers, they generate QRM like crazy. Even the "filtered" ones
generate some QRM.

For DC fans, one thing that I have done to cut down on noise is use
temperature controlled fans. There exist fans premade for this purpose
(both AC and DC powered, fan runs at full speed at some temperature, say
100 F, and run at idle speed at some temperature, say 60 F), but they are
expensive and I'm not real enamored at the temp ranges, they let things get
too hot in my opinion. What I have found works okay is to use one of those
adjustable three terminal regulators, 723 is the number I think: These
dudes use a resistor to set the output voltage, and if you use a thermistor
as the voltage control resistor, output changes as a function of
temperature! (if I remember correctly, you need a positive temperature
co-efficient (PTC) thermistor so that the output voltage rises as the temp
rises) Include a couple of pots to play with the ranges, and wha la,
temperature actuated adjustable fan dealie. As you can tell, a good
portion of my design was trial and error, thermistors aren't linear, etc...
Plus, I'm sure one of the many real Electrical Engineers on this list have
better circuits than this - perhaps use a thermistor to control an
oscillator controlling a TRIAC or something for AC fans?? (I'm just a
hacker ME who messes with electronics fer fun)

I put one of these speed control dealies into my computer power supply in
college, and it made it much quieter. Bad news was that once the computer

was on for a few hours, the fan really needed to be at full speed to keep her cool, so I tore it out later...

73,
Ben

Benjamin D. Hall - Junque collector extraordinaire.
Located in Houston Texas.
e-mail: BDHall@ghg.net
web page: <http://www.ghgcorp.com/bdhall>

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Fan control
Message-ID: <3353FEE8.31C8@vifp.monash.edu.au>

Az0th wrote:

>
> Hiyall,
>
> Can anyone suggest an efficient, light-duty, AC motor speed control

One solution which is heavy (to suit BAs) and cheap is to use a power transformer in an unusual way. Most parts are probably in the Junk Box. You need:

1. a power transformer - mains to about 40-50 volts with a power rating to match the fans
2. a bridge rectifier
3. one or 2 hefty power transistors such as a 2N3055
4. resistors, pots etc.

Wire the primary of the transformer in series with the fans. Connect the bridge rectifier across the secondary and the transistors across the DC terminals of the bridge. Connect a resistor & pot network from collector to base of the transistor. Varying the bias on the transistor will vary the current through it and thus the current through the primary.

You may need to fiddle a bit to get the right values depending on the contents of your junk box.

All the regulation takes place at DC so there's no RFI

73

Morris VK3DOC

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: owens@stout.atd.ucar.edu (Chip Owens)
Subject: Fan speed/noise reduction
Message-ID: <199704151946.NAA10769@atd.atd.ucar.EDU>

Hello Gang,

AZ0TH asked about dropping the noise level of a cooling fan. Most "muffin" type cooling fans that are AC operated can be slowed down by placing a capacitor in series with one of the leads. I have used 2 to 4 UF / 400v DC rated capacitors with good success. This will drop the speed of the fan somewhat and reduce the noise level considerably. No extra heat is generated because no power is dissipated in the reactance of the capacitor.

Chip, NW00

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: azoth@netcom.com (Az0th)
Subject: Re: Fan speed/noise reduction
Message-ID: <199704152000.QAA11496@netcom6.netcom.com>

Hi Chip,

> Most "muffin" type cooling fans that are AC operated can be
> slowed down by placing a capacitor in series with one of the
> leads. I have used 2 to 4 UF / 400v DC rated capacitors with
> good success. This will drop the speed of the fan somewhat

Now, this does sound promising, and I can arrange to short the bugger out with a thermostat when things really heat up. Neat idea.

Tnx es 73 de KF4FJH

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Al Klase <skywaves@bw.webex.net>
Subject: FS: Lafayette HA-230 Receiver
Message-ID: <3352F896.9AB@webex.net>

FORSALE or TRADE: Lafayette HA-230 General Coverage Communication Receiver

Produced in 1964-1966 for Lafayette by Trio (aka Kenwood) in Japan.
Serviced and aligned. Works about as well as it ever did. About a 6-7 cosmetically. The slide rule dial is excellent, I see a lot of these with the numbers falling off. Both Moore's and Osterman's books say this set has 8 tubes, actually has 9. Osterman claims it's double conversion. It's not. Oval speaker has been added inside top grill, no extra holes.

Will consider offers around \$50 until 23:59 UTC, 16 Apr 97. I pack, you ship from 08822.

I am looking for: Military HF field radio stuff. USM-3A tool kit
bits and pieces. National FB-7 coils. Hammarlund Comet Pro coils.
ARC-5
racks and connectors.

Come on down!
Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Gary Harmon <gharmon@txdirect.net>
Subject: FS: SX-28/R-274/SW-3/Filters for 75A-1&HR0-50
Message-ID: <3.0.1.32.19970415060437.006a1508@mail.txdirect.net>

George Rancourt/K1ANX/413-527-4304 has the following for sale: CONTACT HIM
NOT ME!

SX-28

R-274

SW-3 with 4 coils, no ps

Collins mechanical filter for a 75A-1

Mechanical filter for a HRO-50

CONTACT HIM NOT ME!

73,
gary

=====
Gary H. Harmon, Jr., K5JWK
6302 Robin Forest
San Antonio, TX 78239-3218
(210) 657-1549
gharmon@txdirect.net
TOO MANY PROJECTS, NOT ENOUGH TIME!
=====

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: william wiggins <bwiggg@worldnet.att.net>
Subject: FS: 309A-3 Collins Coupler Control
Message-ID: <19970415033520.AAA9209@LOCALNAME>

Seems like someone was needing a coupler control for a Collins ant coupler.
I have a untested 309A-3 coupler control. According to my ARC-58 manual it
goes with the 180R-8 ant coupler. This is the pressurized version of the
CU-523/ARC-58. Info is from T.O.12R2-2ARC58-2 page 1-4.

I'll sell it for \$25 plus shipping.

Thanks

Billy

Bwiggg@worldnet.att.net

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: FS: 3BP1 CRT
Message-ID: <33529A63.4906@sci.mus.mn.us>

I should have listed these two together...sorry. This one is also
perfect. Best offer, etc...

Thanks,

--

Chuck Penson
WA7ZZE

penson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

After having used the Web for a couple of years now I am convinced that lots of information isn't always better than no information at all.

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Chuck Penson <penson@sci.mus.mn.us>
Subject: FS: 3GP1 CRT
Message-ID: <33529A0F.5073@sci.mus.mn.us>

This was pulled from service but is perfect. No burns, etc. Best offer plus shipping.

Thanks!

--

Chuck Penson
WA7ZZE

penson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

After having used the Web for a couple of years now I am convinced that lots of information isn't always better than no information at all.

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: FS: Heath HW-17
Message-ID: <352b3e90@scs.philips.com>

For Sale:

HW-17 2 meter AM transceiver, front panel, case and original mike are 9.0, 8 Watts output, receives well, no manual. \$50 shipped lower 48 states.

Brian WA5UEK

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: ARONGV@aol.com
Subject: FS: Invader 2000s
Message-ID: <970414230851_-401833586@emout01.mail.aol.com>

Hi Gang:

In preparation for my move to the sunshine state, I have to part with some genuine BAs. Namely, I have a really nice Invader 2000 w/ps/cables/manual I'd say is a 9 for \$500.

Also have a good working Invader 2000 w/ps/cables/manual that's about a 7 or 7+ for \$300.

Here's the catch: I wouldn't trust shipping them. The RF units are probably less difficult to ship than a Valiant, but the power supplies are compact and VERY heavy. This offer is made for PICK Up ONLY.

These transmitters are rated at 2000 PEP on SSB, 1000 Watts CW and 800 Watts input on AM, 80 through 10 meters.

They will be available at the the Kansas City PHD swap meet in Kansas City May 3. For more info, catch me off the list at my E-mail address or call 913-268-5973.

Ron W00IZ Kansas City

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: FS: Invader 2000s
Message-ID: <199704151433.JAA25366@server1.ils.net>

At 03:11 AM 4/15/97 GMT, ARONGV@aol.com wrote:

>

>

>Hi Gang:

>

>In preparation for my move to the sunshine state, I have to part with some
>genuine BAs. Namely, I have a really nice Invader 2000 w/ps/cables/manual I'd
>say is a 9 for \$500.

>

>Also have a good working Invader 2000 w/ps/cables/manual that's about a 7 or
>7+ for \$300.

>

>Here's the catch: I wouldn't trust shipping them. The RF units are probably
>less difficult to ship than a Valiant, but the power supplies are compact and
>VERY heavy. This offer is made for PICK Up ONLY.

Wish I lived within easy driving distance of you as I would like to have a
second Invader 2000 around the shack. I hope they go to a good home.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997

From: "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>

Subject: GPR-90 project

Message-ID: <Pine.A32.3.91.970414163733.66143B-100000@violin.aix.calpoly.edu>

Hi gang.

I'm getting into the "restoration phase" of another receiver, the TMC
GPR-90. In all actuality, it needs only minor restoring (cleaning the
front panel, polishing the knobs, and so on). I have a new cabinet on the
way and I plan to build to "build" a speaker for it. Also, a "dusty"
HC-10 SSB converter will be mated up to the unit.

Despite the GPR's inability to have the stability of my "S-line" or the
"presence" of my other St James Grey monsters, I really have been fond of
this rx. The large dials emanate that friendly glow while the
multi-colored S-meter seems to "add to the warmth and ambience." I expect
that the perforated screen on the new cabinet and the exposed #47 dial
lamp bulb will give off the "constellation effect" I talked about several
years ago. Couple this rx with a the amber and green glow of a restored
Ranger and man, what a fireside BA combo! I'll keep you apprised of the
situation. Cal, N6KYR.

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997

From: n4bno@juno.com (James R Bridgers)

Subject: Hallicrafters SX-99 Manual

Message-ID: <19970414.160807.5367.1.n4bno@juno.com>

Hello All,

Well I took in the Raleigh Hamfest on Sunday past. Truth is I just could
not leave without increasing the inventory just a little. Picked up a

Hallicrafters SX-99. Now I am in need of a manual and maybe the Sams data to go with it. I am willing to pay copying cost plus shipping if someone is willing to go to the trouble. This is my first Hallicrafters piece. It's probably a 6.5 to 7 and seems to work fairly well. Got lots of potential. Believe it or not all the knobs were there and not damaged.

If you can help me out, please contact me directly at n4bno@juno.com

Thanks & 73
Rodney Bridgers

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
Subject: Re: Hallicrafters SX-99 Manual
Message-ID: <3.0.32.19970414175807.00b5c5a0@postoffice.worldnet.att.net>

At 09:12 PM 4/14/97 +0000, you wrote:

>Hello All,
>Well I took in the Raleigh Hamfest on Sunday past. Truth is I just could
>not leave without increasing the inventory just a little. Picked up a
>Hallicrafters SX-99. Now I am in need of a manual and maybe the Sams
>data to go with it. I am willing to pay copying cost plus shipping if
>someone is willing to go to the trouble. This is my first Hallicrafters
>piece. It's probably a 6.5 to 7 and seems to work fairly well. Got lots
>of potential. Believe it or not all the knobs were there and not
>damaged.
>
>If you can help me out, please contact me directly at n4bno@juno.com
>
>Thanks & 73
>Rodney Bridgers

Ah yes the SX-99. Was my third boatanchor radio. Drifts till it warms up good but otherwise OK. Don't have a manual or schematic though for it.

Robert M. Bratcher Jr.
E-mail to:
bratcher@worldnet.att.net
Record collector, 8mm, super 8, 16 and 35mm Film collector.
I like old radio's too.
Collins, Hallicrafters, National & Hammurlund are my Favorites!

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Bob Marsh <bmarsh@hicom.net>
Subject: Hammarlund HQ-180A Manual Needed

Message-ID: <3352ECCD.2C94@hicom.net>

Hi everyone,

I recently acquired an HQ-180A that I'm trying to restore. (the clock even works!). It may just replace the HQ-140-XA that I'm using now for SWL. Does anyone have a manual/schematic they'd be willing to copy? I'd appreciate it.

73 de Bob/KB2SGM

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: k4pf@juno.com (Edward J. Knobloch)
Subject: Re: Hammarlund HX-50 Tx Mods
Message-ID: <19970415.135300.7767.1.K4PF@juno.com>

> On Mon, 14 Apr 1997 Charlie AA1HB ccheney@foxboro.com
>inquired about a spotting switch added to the front panel
>of a Hammarlund HX-50 Transmitter

In all probability, that is the "Zero Beat Zero" or ZBZ mod that was included with the HX-50A, and offered as a retrofit kit for the HX-50.

It was pretty slick: the spot button controlled a 4 pole relay which disabled the VOX, and audio stages, decreased the driver bias, and unbalanced the balanced modulator enough to let a spotting signal through. A connection for foot-switch operation was provided on the rear panel. A spotting level pot was concentric to the spot switch on the HX-50A, but the retrofit kit had a fixed spotting level.

I think this feature appeared before the similar spotting switch idea on the Collins 32S-3.

I have the paperwork for this mod, if anyone needs a Xerox.

73,
Ed Knobloch k4pf@juno.com

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: n5off@w5ddl.aara.org
Subject: Harris 505A Comments?
Message-ID: <13806@w5ddl.aara.org>

Anyone got experience with the Harris 505A receiver? It is a commercial/mil rec similar in function to a R-1051.

How is the audio?

73 Tom

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Peter Ferrand <petef@sprynet.com>
Subject: Re: Harris 505A Comments?
Message-ID: <3.0.32.19970414215838.01214a94@m3.sprynet.com>

At 12:23 AM 4/15/97 GMT, n5off@w5ddl.aara.org wrote:
>Anyone got experience with the Harris 505A receiver? It is
>a commercial/mil rec similar in function to a R-1051.
>
>How is the audio?

Not really a boatanchor; I had one of these for a few years. I wouldn't say its functionality is similiary to a 1051, tho it has the same user interface.

I liked it very much indeed...nice and quiet, excellent dynamic range (unlike the 1051) and basically a correct design I'm told. I used mine mostly with rtty and so had a regular look at the audio - the scope traces were markedly superior, distortionwise, to the Paragon and the FT-767, which I had at that time. So the audio was excellent.

Super stable, I think 10 to the 9th if you get the high stability oscillator. There's a noise blanker option which is worth having - it's in the front end of the radio. Also there's an optional overload protect module that's good for 5 or 10 amps of rf. Easy to work on and Harris in Rochester has always been easy to deal with.

Can't think of any problems except the plastic knobs would fall apart from the constant turning I gave 'em.

gud lck,
-Pete
WB2QLL
petef@sprynet.com

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: MEC <danmec@inet.uni-c.dk>
Subject: Re: Harris 505A Comments?
Message-ID: <Pine.3.89.9704150952.A17721-0100000@inet.uni-c.dk>

> Anyone got experience with the Harris 505A receiver? It is
> a commercial/mil rec similar in function to a R-1051.
>
> How is the audio?
Sensitivity is poor. You really need the pre/amp .
Audio is ~communication quality~.

73 Rag OZ8R0

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: k7sz@juno.com (Richard H. Arland)
Subject: Heathkit
Message-ID: <19970414.233527.12135.12.k7sz@juno.com>

Thanks to all who responded. This will be featured in my June K.I.S.
Radio column in Monitoring Times.

Tnx again.

73 rich K7SZ

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Surplus Al <surplsal@tl.infi.net>
Subject: Help needed
Message-ID: <3352B26E.3DC7@tl.infi.net>

You computer experts, maybe you can help me. When I forward something
how do I Get the persons name to come up in Mail To. Please Email me
with suggestions. Apologizing To all for not sticking to BA stuff.
Tnx & 73,s to all.. Al W3UGD

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: hagelin@magi.com (Richard Brisson)
Subject: Help Sought for SSTR Equipment
Message-ID: <199704142213.SAA18147@infoweb.magi.com>

I was in touch with David Lawrence of the Military Communications and
Electronics Museum here in Kingston (Ontario, Canada). Apparently, they
are in need of some expertise to identify some SSTR-# equipment other
than the SSTR-1 suitcase radio. David may be reached at 1-613-387-2094
or if you wish to email me your phone number, I will ensure that David
gets it and he can call you or whomever you deem to be knowledgeable in

this regard.

Regards,

Richard Brisson
hagelin@magi.com

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: Help! SX-28 Alignment questions...
Message-ID: <199704150622.AAA23151@netcom22.netcom.com>

As Jeff Anderson discourses

>
> Does anyone know a good procedure for finding the resonant
> frequency of the XTAL in the SX-28's IF, and further, for aligning the
> IF around this frequency?
>
> I'm afraid that, while aligning my receiver, I moved the IF's
> center frequency too far from the actual frequency of the xtal - the
> "PHASING" control no longer has any effect and I can't figure out how
> to get it back to where it should be (the instructions in my manual
> copy are especially obscure regarding IF alignment).
>
> And finally, does anyone know how meshed the plates of the Phasing
> Capacitor should be when the PHASING knob is set to "0" (center)? And
> do they mesh or unmesh when the knob is turned to the right?

>
I've copied the original because I think that they cover the questions
as well as I could sum them up. The SX-28 is a typical single
conversion superhet using the Lamb filter circuit, so the procedure
for tuning up the IF's applies to most other sets (National 100/200,
HRO with filter, other Hallicrafters sets, Hammarlund HQ's and SP's,
RME, with the same general setup).

Yes, you have to center the IF's ON the Xtal freq.

Simplest method (but not easy to do unless you are set up) is to take
the filter Xtal out of the set and hang it in an oscillator circuit,
then heterodyne your generator against it. You'll need a detector.
Then put the filter back into the set and align the IF's (see below
for detailed procedure) using the signal gen frequency you just
determined.

The "radio shop method" (which is the same procedure you use if
somebody tightened all the alignment adjustments, only you are going

to do it backward) is to hang your signal generator on the mixer (6SA7) RF input grid and crank up the generator to about 10 mv (max on a lot of generators). Hang something on the 1st IF grid (scope probe, RF-sensitive voltmeter like Ballantine or HP400) and tweak the generator until you get results. Then tweak the 1st IF (mixer plate) tweak for max. You'll see some interaction between the 1st IF tweak and the signal generator frequency, but the crystal is much higher Q, and a little rocking the generator and the tweak should get you to the xtal center fairly easily. Turn down the generator output once you are passing signal. Then leave the generator freq. alone, and walk forward down the IF chain. You'll probably be able to move forward to the 1st IF grid, tune up the 2nd IF transformer, then to the detector output and see signal there, peaking both tweaks in those transformers. If the attenuation is too great, use the SX-28 "broad" bandpass setting to help getting enough signal through so you can see (and start hearing) something. If the set is really badly off, you'll need to do this one IF coil at a time. If you don't have a scope or RF voltmeter, an old-fashioned signal tracer setup will work fine (Chanalyst, McMurdo Silver Vomax, etc.). These are essentially an audio amp with a diode detector in front. You can make one out of an audio amp with a blocking cap in the input line, and a 1N914 from "hi" to "ground" to short out RF half-cycles. Don't tell the toob audio fans about this---the golden ear crowd will siphon off all the 1N914s and claim that it does wonders for the audio. Use around 150-200 pf. for the blocking cap, value not critical.

For final tweak-up, center the phasing control (plates half meshed) and recenter your generator with the Xtal filter on. Then turn it off, and peak them all. Then repeat the alignment after rechecking (by injecting signal at the mixer grid) that you've got the Xtal center.

My pet method for assuring a good solid alignment is to start at the back (last IF grid), injecting signal, with a DC meter (a WV 97 or 98 VoltOhmyst is ideal for this) on the detector output. Use low signal levels and disable the AVC (switch it off on the 28). Tune the last IF, then move the injection point up one stage, tweak the following transformer, etc. until you are injecting at the mixer grid.

I ALWAYS monitor the detector output (generally the other end of the last IF secondary from the det. plates) when doing an alignment, no matter what the manual says. Many of those procedures were written for folks with 1000 ohms/volt meters that would just load the detector and not indicate, so they point to speaker output. VTVM on the det. output does not load it very much (11 meg for the cheap VTVM's across typically 500K det. load), and is quite sensitive. It also measures the carrier level, not the modulation, and some generators have strange (to say the least) modulation waveforms.

Don't forget the BFO and (on the 28) the noise limiter transformer. I would center the BFO so that you get zero beat with the cap plates half meshed and the knob at zero.

Setting the Xtal filter loading coil can be a real pain on some sets, as the filter will break into oscillation if it is off. You should get it set to that walking from min filter to max. filter does not detune anything. Try it with 400 Hz. modulation, then around 5Khz., where sideband cutting will be very obvious.

Your Xtal filter center should be within 2-3 Khz. of the IF nominal (455 in a 28, as I recall). If it isn't, you've got other problems. However, make sure that 455 on your generator really is 455 Khz. Easiest way to check is to find a 910 Khz. station (or near) and whistle stop on the second harmonic, then check your generator setting. I should be half the frequency of the station. You can interpolate on the dial from there.

To sum up, do the alignment in two (or three, if the set is really badly off) passes. First pass is front-to-back, to get you close to the crystal center. Last pass is back-to-front, using the crystal center frequency.

--

=====
Hank van Cleef
E-mail vancleef@netcom.com or vancleef@tmn.com
=====

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: bill@skeeter.frco.com (William Hawkins)
Subject: Houston 26 and 27 April
Message-ID: <9704152130.AA07607@skeeter.bvc.frco.com>

Looking for things to do in Houston over the April 26 weekend. There's a nice little 'fest here at home, but I've got back-to-back meetings at a hotel in NW Houston that require me to spend the weekend. Even have some time Friday afternoon. So, is there a place that specializes in stuff that you should NEVER bring home? I'm sure I could find a few more square feet of space if I had to.

Regards,
Bill Hawkins bill@skeeter.frco.com

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997

From: JONWEINER@aol.com
Subject: RE: HRO-60 question
Message-ID: <970414223650_1918305373@emout13.mail.aol.com>

I have a question about my HRO-60. I don't think that the xtal filter is working properly. The manual goes thru the alignment procedure for the IF stages, but says nothing about the alignment setting of L-12 (coil on the top of xtal filter). How is it adjusted? Jon, K1VVC

(my HRO is an early one, and the manual is a very early edition)

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: HT-32 Exciter Sub- Chasiss
Message-ID: <UPMAIL03.199704150012240033@msn.com>

Hey Gang, monthly plea to anyone stripping out a HT-32. I still need a exciter sub- chassis (mainly for the Switches) . Will give 50 Grackles for it max.

Thanks

Al

fritsche@msn.com

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Norm Flasch <flasch@cushy.ece.nwu.edu>
Subject: Illinois ARC meet - 4/20/97
Message-ID: <199704151745.MAA09968@cushy.ece.nwu.edu>

The Antique Radio Club of Illinois is having its spring swap meet this Sunday, April 20, 1997 at 7:00 AM. This one is scheduled to be held outdoors at the Elgin Holiday Inn on Rt. 31 just south of I-90. This is a medium sized meet that is always alot of fun. I have found many BA's at these meets over the years as well as test equipment and antique home radios.

--

Norm Flasch flasch@ece.nwu.edu Northwestern University
Electrical and Computer Engineering

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "al parker" <al_parker@kacc.com>
Subject: Re:INFO WTD: AM-6154 Amp
Message-ID: <9703158611.AA861135910@ccuucp.kacc.com>

Dick, W1KSZ wrote:

> Picked up a clean, working AM-6154/GRT-21 VHF Amplifier. Chap said 15 watts in gave 400 watts out... etc.

Dick,

I have one of these, too, similar situation, don't have any info on it, but have used it (little). 400 watts input (not out) is about right, the tube is only 250 w. dissipation, I think, similar to 4CX250. Not sure what mine has, like you, haven't figured out how to get to it. Fair Radio lists them, I haven't contacted them for info, but would like a schematic. The fan really howls, I think it's a 400 cycle unit, otherwise, works fine on 120v.

I think these were used for FAA flight beacons of some sort. There is another UHF unit also listed in Fair, as I remember.

If you get any info, would you pass on the source?

Tnx, 73,

Al, W8UT al_parker@kacc.com

Dublin, CA

A fanatic is one who doubles his effort after forgetting his objective.

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997

From: BEN NOCK <106312.1035@compuserve.com>

Subject: Just a note of thanks.

Message-ID: <199704151803_MC2-1458-A1EE@compuserve.com>

Just a quick open note of thanks to Al Klase, I ask for info on the SP200, and I get a great big pile of neat info by mail.

Its certainly a great group.

73's all. Ben. G4BXD (thats in England!)

HE WHO DIES WITH THE MOST
RADIOS IS THE WINNER

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997

From: SP600@aol.com

Subject: Manual for Booton 71A

Message-ID: <970414200459_418342183@emout17.mail.aol.com>

I am in need of a manual or copy for a Booton 71A. Any help is appreciated!!

Charlie N9SOR

//////////HAMMARLUND COLLECTOR\\\\\\\\\\\\\\\\\\\\\\

HAMMARLUND SITE <http://home.aol.com/sp600>

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: John Kolb <jlkolb@cts.com>
Subject: Re: Manual for STAR-700A Receiver Wanted
Message-ID: <Pine.SCO.3.91.970414215701.18022B-100000@sd.cts.com>

On Mon, 14 Apr 1997, David L. Thompson wrote:

> The Star equipment was written up in I believe QST and there were ads in QST
>
> If all else fails I will try to find the review article!
>

The Star SR and ST-700E were reviewed (4 1/2 pages) in the Aug 1967
QST. I've had a copy of the review sitting in the stack of unsorted
papers by the computer ever since the SR-700 was last mentioned :)

John KK6IL jlkolb@cts.com

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: y4562@csra.net (Larry Louie)
Subject: Matching Speaker to Hallicrafters S-76???
Message-ID: <199704142359.XAA12963@sco.theporch.com>

Anyone recall what model speaker matched up with the Hallicrafters S-76
receiver? I currently have the R-46B which I believe was the later model
that mated with the SX-101. Several inches taller and a little lighter in
color than the black S-76 cabinet.

Thanks in advance for any info one could offer.

Larry Louie

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Mil Radio Meet

Message-ID: <2.2.32.19970415180757.006c1b90@marlin.nosc.mil>

The Mil Radio get-together is still happening on Sat. May 3rd in San Luis Obispo, CA. I mailed out a flyer with maps and a hotel/motel list several weeks ago, a note will also be in ER. Several folks off this list have said they would be there so if anyone still needs the map etc let me know. Henry Engstrom put together the program, which I'll post here when I get a copy, and Dave Ragsdale found the site. Dave does need to know if and how many folks would be interested in a BBQ as there are facilities on site. The site by the way is the Camp San Luis Obispo NCO club and grounds. Kinda neat for Mil Radio! A swap for participants is planned before the genl. meeting. Lemme know!

Ed Zeranski : ejz@marlin.nosc.mil, work / ezeran@cris.com, home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!
This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: George McCrary <geo@ipass.net>
Subject: More Bighorn Disappointment
Message-ID: <3.0.32.19970415173347.006861f4@ipass.net>

Hello Folks,

The day of the last list for sale from the Bighorn (I think it was 4/9/97) I called Don to check about a Hallicrafters 101. He told me that the dial needed restringing and that it was in very good shape cosmetically. He also told me it was Barry Goldwaters old radio. I called him back about 10 minutes later and told him I would take it.

He took my name, calculated my UPS rate and told me where to send the check. I told him the check would go out that evening (4/9). I sent him an E-mail the next morning and told him the check had been sent.

Today when I called him he had no recollection of ever talking to me and said the 101 was already gone to someone in Florida or somewhere. This just doesn't seem like very fair dealings to me.

Very Disappointed,

George (KQ4QM)

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: leeboo@ct.net (Leon Wiltsey)
Subject: Re:MORE BOOKS
Message-ID: <199704150352.XAA27271@blue.ct.net>

>To: GB
>From: leeboo@ct.net (Leon Wiltsey)
>Subject: Re:MORE BOOKS
>
>>Hi Gang
>>I have been asking for old rad am hndbks.
>>So now I have some. but they are too new. I have
>>1969 1972 1977-& 1976. All are full of solid state stuff(cry cry cry).
ALSO 1968
>>I am willing to trade 2 for 1 or ever 3 for 1 to get a 1960 or older radio
>>am hndbook.
>>Just cant build solid state projects(I tried one it was a mess). I did get
>>one 1960 handbook
>> and It had lots of good tube stuff in it. So pse lets do some trading,
>>but I cant use anything newer than 1959. that way I can continue to build my
>>ancient station.
>>all the books are in fine shape with good bindings. pse email your answers.
>>
>>
>>
>>Thank the good LORD for all that you have!!!
>>
>>Leon B Wiltsey jr. (Lee)
>>4600 Lake Haven blvd...
>>Sebring fl 33872.....
>>
>>68yr old retired semi disabled senior
>>(stroke got my balance and coordination)
>>formerly w4kcj & kp4ryb (till I quite) dumb dumb
>>play keyboard and sing
>>music 1920's to 60'
>>none of the 80'S- 90'S noise
>>
>>
>>FOUND A 1968 BOOK ALSO
>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

4600 Lake Haven blvd...
Sebring fl 33872.....

68yr old retired semi disabled senior
(stroke got my balance and coordination)
formerly w4kcj & kp4ryb (till I quite) dumb dumb
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Mike Warren <m_warren@compuserve.com>
Subject: National speaker for sale - \$25
Message-ID: <199704150926_MC2-144F-F087@compuserve.com>

Hi Gang,

With all the recent discussion about speaker prices, I thought I'd offer up a "bargain". But there is a catch -- you have to buy the "matching" receiver to go with it!

For sale:

1. National NC-125 w/manual (copy). This is the one with the built-in Select-O-Ject. \$125.
2. Matching National Speaker. \$25.

Prices plus shipping (appx. 35-40 lbs. from 55347).

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: y4562@csra.net (Larry Louie)
Subject: Need Info on Hallicrafters SX-111
Message-ID: <199704151104.LAA19511@sco.theporch.com>

Am looking to buy a SX-111 with panel/dial glass missing. Was wondering if the glass had any etching or lettering on it. If not then it could then be easily replaced in my restoration.

Thanks in advance for any info provided.

Larry Louie

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
Subject: NEVER BRING HOME
Message-ID: <3352E22E.49D@pop3.concentric.net>

I think that I have all of you topped ----ATTEN BOBBI B.-----
A few years ago, and TV engineer friend of mine talked me into releaving
the station of their mobile unit.
4 - RCA TK11/31A Studio cameras
4- RCA Power Supplies
4- RCA Camera Control units
1- RCA 4 Camera Switcher
1- RCA Sync Generator in Rack Cabinet
All of the above tube, circa 1955
And I have all of it completing restoration
73's
Lloyd

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: NEVER BRING HOME
Message-ID: <Pine.SUN.3.91.970414221556.19810C-100000@indy1>

Hi!

I can't top Lloyd's tale (though I suspect pound for pound, it's the
best value in obsolete and not directly useful stuff I have heard
about--you can't beat the old RCA TV gear!).

But I distinctly recall my sorrow at having to dispose of an RCA 70-D
transcription turntable when moving from a house to an apartment many
years ago. About the same size, weight, shape and horsepower as a small
washing machine, these old 16" turntables were amazing engineering in
their day, but any more they're not really good for anything but oversized
paperweights. At least the one I left behind was far from museum quality,
and too incomplete to be restored--sighed with relief when I learned the
Indiatan State Museum has an entire studio/control room from WBAA (Purdue),
complete with a pair of 70-Ds.

(Then there was the TTY that lived in my garage. But that, at least,
belonged to a friend who found a vict--er, buyer for it!)

73,
--Bobbi

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: dr.electron@juno.com
Subject: Re: NEVER BRING HOME
Message-ID: <19970415.031340.8894.34.dr.electron@juno.com>

On Tue, 15 Apr 1997 02:01:01 GMT "Lloyd A. Scott, Jr."
<wpul1130@concentric.net> writes:
>I think that I have all of you topped ----ATTEN BOBBI B.-----
>A few years ago, and TV engineer friend of mine talked me into
>releasing
>the station of their mobile unit.
>4 - RCA TK11/31A Studio cameras
>4- RCA Power Supplies
>4- RCA Camera Control units
>1- RCA 4 Camera Switcher
>1- RCA Sync Generator in Rack Cabinet
>All of the above tube, circa 1955
>And I have all of it completing restoration
>73's
>Lloyd
>
>
Did they throw in a semi & a crane, too ?
73's
Rich P.
#

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: "Christopher A. Bowne" <radiobwn@riconnect.com>
Subject: Re: NEVER BRING HOME
Message-ID: <335366BC.2D68@riconnect.com>

A Navy TDT (?). My memory isn't sure on the unit ID, but it was a Navy 100-156 mc transmitter used for the ground end of VHF aircraft comms. As a high school student, my Elmer, Carl, WB2AMO, of Upper Nyack, NY, gave me one of these beasts. The thing was very heavy, wide and deep. It would not fit through the doors of my parents house! As they had no other access to the basement, and no garage, it stayed outside, where I stripped it of the internal removeable decks. As I recall, the RF deck was not removeable. The modulator became an outboard "HiFi" modulator for my WB2ZPS scratchy Apache, which I drove with an old Heathkit hifi amp. Eventually, the carcass made its way to a friend's (Steve Stutman,

now KL7JT) parent's shed, where it may still be, along with other electronic flootsam and jetsam of our adolescence.

Now my son is filling our basement with Generation X boatanchors - old PCs, monitors, and 1200 baud external modems!

73,

Chris Bowne
Stonington, CT
radiobwn@riconnect.com

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Dick Flanagan <dick@merlin.libelle.com>
Subject: Re: NEVER BRING HOME
Message-ID: <v03102834af794ab6bba0@[207.33.105.223]>

>A Navy TDT (?). My memory isn't sure on the unit ID, but it was a Navy
>100-156 mc transmitter used for the ground end of VHF aircraft comms.

Are you sure that wasn't a TDQ? I had a TDZ, the 220 MHz version.

73, Dick

--

Dick Flanagan W6OLD CFII Minden, Nevada
Visit <http://wadg.greatbasin.net/siera/>

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
Subject: RE: Never Bring Home
Message-ID: <3353C5D8.687C@pop3.concentric.net>

Greetings Gang and those dearly departed: I didn't tell the rest of the story. My mother and wife decided the "stuff" had to be mooved from mother's where it was in storage and brought home. "They" decided that I would build a 20'x50'ft addition to our home and restore and display it. Done, almost. I have three Cameras left. The Audio portion is now a replica of a late 40's early 50's radio station, complete with working UPI news room and Model 14 TT. The family room has one restored camera boom and stand mikes. sorta like a "Today" show set. In fact the cameras were used on the Dave Garroway Wide Wide World Show and Is documented in the December 1956 issue of RCA Broadcast News. In fact the whole remote is pictured in that issue. I anyone wants to see this critter, I have

pictures and a flat bed scanner, where do I post them??
Bobbi, there is a picture of the transmitter in the same issue, 50KW
feeding a TF-12H Superturnstile antenna. Tower height 1130 ft.
73's
Lloyd

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: William Donzelli <william@ans.net>
Subject: Re: NEVER BRING HOME
Message-ID: <199704151922.AA27613@interlock.ans.net>

> >A Navy TDT (?). My memory isn't sure on the unit ID, but it was a Navy
> >100-156 mc transmitter used for the ground end of VHF aircraft comms.
>
> Are you sure that wasn't a TDQ? I had a TDZ, the 220 MHz version.

There is a series called TDT, probably procured just in case the TDQs
turned out to be dogs. I do not think many were made.

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Steven Wenger <swenger@fgi.net>
Subject: Never Bring Home Items
Message-ID: <Pine.LNX.3.95.970414172906.2771B-100000@um.fgi.net>

Greetings,

I am surprised that nobody responded to Rhett's challenge regarding items
to NEVER bring home. A quick trip to the basement revealed several
suggestions. For starters:

1. Two heart rate monitors
2. Ten microwave oven transformers
3. A very large box of TV tubes
4. An Eimac 3-200A3

And I didn't even turn on the basement lights.

I'll bet some of you can top this. It does occur to me that one man's
trash is another man's treasure.

73,
Steve KA9QLF

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Never Bring Home Items
Message-ID: <3352C4B0.7DEB@vifp.monash.edu.au>

Steven Wenger wrote:
>

> I am surprised that nobody responded to Rhett's challenge regarding items
> to NEVER bring home.

I see someone has already mentioned the BC221. There was a little device called a crystal calibrator No 10 that appeared by the hundreds on the disposals market here about 30 years ago. A sort of poverty stricken poor man's BC221, it was a little box with a 250 kc rock and interpolation oscillator. It used battery 7 pin tubes (1T4 type) and required an external PS or batteries. The internal construction was of a type that made any hacking almost impossible. It was meant to be connected to the antenna terminals of some crappy Rx or other in the jungle to check the dial calibration.

The only redeeming feature it had was the lovely BA smell due to the tropic proofing. I tried to get rid of mine at a hamfest recently and couldn't even give it away! I only took it home for the occasional sniff :-)

My BC221 smells nice too, but I'd never dream of getting rid of it.

73

Morris VK3DOC
morriso@vifp.monash.edu.au

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: Never Bring Home Items
Message-ID: <3352FB20.489@txdirect.net>

I know a lot of you out there are going to think this is blasphemy but my number one choice for a piece never to bring home is a BC-348 of any type, build or color. Thirty seven years as a ham and the only one

Iever owned was given to me by my Elmer. I put it where he had taken it from to give me. The trash.

Bill K5LLK

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: dr.electron@juno.com
Subject: Re: Never Bring Home Items
Message-ID: <19970415.031340.8894.30.dr.electron@juno.com>

A Telefunken console Hi Fi needing restoration (& tubes !)
73's
Rich P.
#

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: Never Bring These Home!
Message-ID: <m0wGvCm-000151C@e-tex.com>

Hello BAers,

In the 1980s got into a "contest" with another local to see who could bring home the most BC-221s at the price of \$5 or less. Still have some!

Never clean out the local Motorola service shop's junk room (eight pickup loads).

73 de Pete WA5JCI

EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids

2 Mtr -- 36 States -- VUCC/183 Grids

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Steven Wenger <swenger@fgi.net>
Subject: Re: Never Bring These Home!
Message-ID: <Pine.LNX.3.95.970414192550.3017A-100000@um.fgi.net>

There is some order in the universe. As the responses started rolling in on the BC221, I thought what the heck is that? Then I remembered this black box I bought because someone said you have to have one of these. So

I ran down to the basement and there it was in all its glory (and dust),
a BC221 with the price tag still on it - \$5.00. I think I beat the guy
down to \$3.00. It's nice to know your not alone.

73,
Steve KA9QLF

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: dr.electron@juno.com
Subject: Re: Never Bring These Home!
Message-ID: <19970415.031340.8894.33.dr.electron@juno.com>

I have a crusty old BC - 221 Q. It just looks too cool, & it's a heck
of a conversation piece, in this " Digital Age ".

" Wow...what's that ?

" I think it might have been a <spy radio> ! "

Ha Ha

...pounding on the door.....! Where's that termite?

Rich P.

#

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Nick England <nick@cs.unc.edu>
Subject: Never Bring These Home!
Message-ID: <199704151502.LAA15391@altair.cs.unc.edu>

Well someone else finally took it home. I hauled an old PDP-11/23
computer (rack mount, RL02 disk cartridges, etc.) to a hamfest a couple
of years ago. Thought I was never gonna get rid of it until a couple of
guys paid me \$5.

They were going to take it to a buddy's apartment and leave it there
while he wasn't home. He was a DEC service tech and they were going to
attach a note from his boss telling him to have it fixed by Wednesday.

What did HE do with it - I dunno :-)

have Fun & 73,
Nick KD4CPL

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Never Bring These Home!

Message-ID: <2.2.32.19970415161119.00e03d60@marlin.nosc.mil>

Hammond Novocord: organ, electronic, Pleistocene.

I didn't haul it home, it arrived on a friends truck and "Ski, its got a lotta tubes you can probably use 'em". Uh, gee thanks Wendell. Del was moving his business and I was silly enough to say the thing was too neat to trash while loading the bandsaw I'd bought. 500 lbs of walnut, metal, wire and 144 tubes must = BA. Well I started to get enthused and the electronics were in really descent shape. The pre-WWI 36" Crescent bandsaw with 3hp/3ph motor etc. was easier to move. Bonnie came home but didn't say much for a day or two before asking "How much this time and why?" Told her it was a freebee and was a classic and was eminently restorable and was complete, and look at the black crackle chassis, and look at those 2A3s...and "When will you get to it?" she asked. Damn! Knew I forgot something, time and the mother of all recap jobs. So there it sits and I'm still trying to find it a home. So if you know a Hammond fan who owns a forklift....

Ed Zeranski : ejz@marlin.nosc.mil, work / ezeran@cris.com, home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!
This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or govt.should try to take credit for it!

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: bjacob@iofc.com
Subject: Nov and Dec 1969 QSTs needed
Message-ID: <Pine.LNX.3.91.970414053705.2123A-1000000@pigpen.iofc.com>

Dear BA fans,

I am looking for the November and December 1969 issues of QST to complete my 1950 - 1975 collection.

If anyone out there has these as duplicates, I would sure like to hear about it!

73s,

Jacob Worthington
AA4FM
Conway, Arkansas, USA

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: Packaging and Shipping
Message-ID: <3.0.1.32.19970415112219.009f2100@mail.atl.bellsouth.net>

I don't know guys... I have NEVER had a problem with a heavy unit I had 'professionally' packed. Yes they charge more. No UPS won't argue about a damage claim all day long when either UPS or a packing store has done the job-like they most certainly will if you did it yourself. Time after time I read 'UPS Horror Stories'... some of which I suspect were the result of poor packing... I simply do not wish to risk either the value of my shipment or the destruction of one more precious boatanchor to inadequate packing. The packaging stores are not cheap, but I personally do not trust a \$12 packing job-after a half hour wait in line to boot (they're kinda busy in Marietta.) And personally, pretty is as pretty does: I have yet to have ** ANY ** damaged units-ever. I DO trust UPS to do a good job shipping. They do lose or drop things every now and then, but they have done OK so far-and they are still better than their lesser alternatives. Go ahead and flame, but for me there are just too many bad stories to worry about the extra \$\$\$.

72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC
Life Member:	ARRL	AMSAT	INDEXA	QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: dr.electron@juno.com
Subject: Re: Packaging and Shipping
Message-ID: <19970415.143122.9494.0.dr.electron@juno.com>

Greetings;
I've shipped all sorts of heavy "iron" without problems.
Step one for me is to scrounge up or buy (\$ 3.00 - \$ 4.00 ?) worth

of 1 / 2 " plywood to bolt the piece onto , then into a heavy cardboard box the ply was cut for, and padding around the contents.
If it doesn't shift around, it probably won't get hurt. And if the packaging is pierced, that's obviously the "parcel smasher's" fault.
Minimal dumpster diving yields lots of new packing, tossed upon receipt & unpacking of goods to stores, etc. A \$ 7.00 roll of filament tape will " band " lots of anchors, & more. Even a handmade plywood crate is a good investment, compared to its expensive contents. I have an old crate that an ARSR repeater scope was delivered in, by truck freight. It's just 1 / 4 " plywood with 1 " x 4 " fir reinforcement boards around the perimeter, and a handful of 1 / 4 " lag screws, and two 2x4 " skids on the bottom, \$ 100 K + contents.
It fired up fine when installed.
73, Rich P.

#

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Ray Allen,W2KBR" <raallen@erols.com>
Subject: Parts Out HW-32
Message-ID: <33530A3F.2DD7@erols.com>

Groups: Parting out HW-32 (Heath Monobander, early model, not A version)
Cabinet: Whew!!! definitely a candidate for re-paint, structurally sound, but really needs paint....offers..(shipping only I guess)
Front Panel: Neat, clean, good one with all lettering, couple small scratches...Also has all knobs, but alas, some screws stripped, needs re-bore and threading...Offers
Tubes...any or all...but finals are gone...offers...(I will check them)
Dial face is in good shape....offers....

Or the whole thing if you like....Definitely a Parts only rig

Cheers, 73 Ray W2KBR/3

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: R-443/ARN-5D, What is it?
Message-ID: <A5360ZWUJQ364F*/R=OUVAXA/R=A1/U=POST/@MHS>

Soft-glow thermionics lovers,

Have a radio receiver marked R-443/ARN-5D. It is about the size of an ARC-5, perhaps a bit larger. Has place for several crystals all in the 6MHz range. Has a bunch of miniature 7 and 9 pin tubes inside. Relays apparently click in the crystals. Tag says it was removed from "aircraft, engine model, or assembly" C-117B on date 18 AU 1960. I assume this had

some type of control head or switched device that plugs into the multi-pin connector.

I checked Bill's military site and did not find it listed. Anyone know what this was used for? Any interest in it?

73 de Rich KB8TAD Keeps Big Tube Active Devices <rpost1@ohiou.edu>

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997

From: Sandy W5TVW <ebjr@worldnet.att.net>

Subject: Re: R-443/ARN-5D, What is it?

Message-ID: <19970415021019.AAC15551@LOCALNAME>

At 10:13 PM 4/14/97 +0000, you wrote:

>Soft-glow thermionics lovers,

>

>Have a radio receiver marked R-443/ARN-5D. It is about the size of an
>ARC-5, perhaps a bit larger. Has place for several crystals all in the
>6MHz range. Has a bunch of miniature 7 and 9 pin tubes inside. Relays
>apparently click in the crystals. Tag says it was removed from "aircraft,
>engine model, or assembly" C-117B on date 18 AU 1960. I assume this had
>some type of control head or switched device that plugs into the multi-pin
>connector.

>

>I checked Bill's military site and did not find it listed. Anyone know
>what this was used for? Any interest in it?

>

>73 de Rich KB8TAD Keeps Big Tube Active Devices <rpost1@ohiou.edu>

>

>As I remember, the ARN-5 is a "ILS Glide Slope" receiver. It operates
around 330 Mhz or so I think. There was an audio demodulator that drove a
meter pointer

up or down on the ID-249 indicator depending on where on the "glide slope"
the aircraft making the instrument approach was! As I also remember the
sensitivity was kinda dull, 5 uv or so.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Mike Warren <m_warren@compuserve.com>
Subject: re: R-46 speakers
Message-ID: <199704150927_MC2-144F-F0BA@compuserve.com>

Hi Robert,

>I have a large Hallicrafters R46 speaker which is very rusty looking on the front grill. Was there an R46 reciever?

I didn't see anybody answer your question, so I will tell you what's "in the book" ("Radios by Hallicrafters"). According to Dachis, there were three models of the R-46:

1. R-46, 1950-54, \$19.95, 10" PM speaker with 5k-ohm matching transformer in a tabletop steel cabinet. For use with SX-62, SX-71, SX-73, SX-88 and others.
2. R-46A, 1954-55, \$17.95, same as R-46 except no transformer (for 3.2 ohm use). For use with SX-62A, SX-100, SX-101, SX-101A and others.
3. R-46B, 1955-59, \$7.95, same as R-46A except the cabinet is 4" shallower. For use with teh SX-62B, SX-96, SX-99, SX-115 and others.

Current value (per the book) is \$30-50 for any of them. I recently bought a R-46 for \$45 - they are kinda hard to find without a receiver. It was clean, no rust but grill cloth is nicotine stained. It has a schematic inside which shows that the transformer is 500 ohm, not 5k-ohm as Dachis says.

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
Subject: R46 speaker?
Message-ID: <3.0.32.19970414163949.00b51be4@postoffice.worldnet.att.net>

I have a large Hallicrafters R46 speaker which is very rusty looking on the front grill. Was there an R46 reciever? If so then I've never heard of one. Good 8 inch (or so) speaker inside. I use it with 3 of my tube recievers.

Robert M. Bratcher Jr.
E-mail to:
bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.
I like old radio's too.
Collins, Hallicrafters, National & Hammurland are my Favorites!

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: klzat@dsport.com
Subject: Re: racks available
Message-ID: <Pine.GS0.3.95.970414213545.9908J-1000000@puff>

>>I welcome the views of others about things to never bring
>>home.
> Full-size teletype machines. :)

Especially the ones that dont have the Teletype trademark
and name..

jd

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: S/N of SX-115
Message-ID: <v03007802af79a17e736a@[134.53.65.12]>

Hi Gang,

I checked the S/N of my SX-115 and it is 115000-141026.

73,

Jim Garland W8ZR

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: lsmith <ckvnfm@mb.sympatico.ca>
Subject: Simpson 303 VTVM Manual or Probes?
Message-ID: <3352BA89.3FD9@mb.sympatico.ca>

I have had a beautiful Simpson VTVM for several years, but it has never
worked! I would appreciate your help in locating a copy of the manual
and schematic, also need the probes to get it running. 73 de
Lee Smith

VE4ANC

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: small transmitter wanted
Message-ID: <3.0.16.19970415075956.359f0756@pop.pipeline.com>

Hi firebottle fans, today I need some advice and a "little help from my friends..." I'm looking for a small HF transmitter.

Just so there is no misunderstanding:

- 1) No ham ticket at this location.
- 2) Might be someday, but not today.
- 3) Any "rig" that lands here, either for repair or as a home *NEVER* goes "on the air."

Lately people have started bringing me amps for repair/service. I need a "test set" to excite them with. I have a large home made version of a "cantenna" already. Ought to be able to eat a kilowatt easy, five gallons of oil in the thing....:-)

It has become a pain to have to send these repairs home for a "try out" before I *know* they are working properly.

Anyway, I'm looking for a small HF transmitter to use as a high power sig gen. One of the old Heath novice rigs might be perfect. I understand they run about 75W and are Xtal controlled. How well do they hold up to "key down" for 2-5 minutes at a time?

For what I need pretty doesn't matter, most mods will not matter. (If I don't like it I'll change it... :-)

Any advice on what I should be shopping for would be nice. Any one with an old rig that fits my needs should drop me a note.

-Thanks
Larry

-Larry Ware
lrware@pipeline.com
Orlando, Florida

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Speaker Value.

Message-ID: <UPMAIL03.199704150012250275@msn.com>

Hi Jeffery and Gang. I saw that a lot of the list members gave you the reasons for the high value of true matching speakers. BTW, it was a topic that was brought up last year with the same answers and I believe it. I just run one R-46 speaker in the shop for 4 receivers, The SX-101MKIII, the HQ-170A-VHF, the HQ-145 and now the R-390A with a matching transformer and patch to each one as needed. Even today, If I bought a new rig and could use a speaker that I already had, I would not to buy. But thats not why I am writting this. Can someone on the list tell me this: Example - Hammurland makes a receiver with matching speaker. Was it a one for one deal or where the speakers outsourced. Surely there was a ratio. i.e. 10 receivers for one speaker for just reasons explained again lately.

Just Curious
Al
fritsche@msn.com

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: dlr11@scasd.k12.pa.us (Douglas Ripka)
Subject: Stuff you shouldn't bring home...
Message-ID: <199704151236.IAA20108@scasd.k12.pa.us>

How about a giant box of unused radiosondes, circa 1954?
Giant as in 4 foot by 6 foot by 8 foot? We filled the back of a friends station wagon, and still left 99% behind.

I still have some radiosonde parts lying around, so if anyone is restoring one...(hi hi)

73,

Doug KA3TTQ

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: n5off@w5ddl.aara.org
Subject: Successful Bid, R-390A's
Message-ID: <13315@w5ddl.aara.org>

I got the successful bidder info from DRMO on the recent R-390A sale.

One guy got at least four lots, avg about \$79 per unit.

He is Mr. Jim Williams of Scranton, PA.

FWIW

73 Tom

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>
Subject: Suggestion needed on future pub
Message-ID: <Pine.A32.3.91.970414163353.66143A-100000@violin.aix.calpoly.edu>

Hi folks:

Got done with my senior project on the 32-V2. Got an "A." But the next stop is to write about more projects in line (like re-cabineting the GPR-90), building a power supply for a BA SSB transceiver, refinishing a Collins cabinet, and so on. I would like to do the format similar to Dave Ishmael's "Vintage Radio Anthology." Any suggestions? Please feel free to comment. Right now, there are not many books that cover the subject of restoring BA's (other than antique broadcast radios). Cal, N6KYR.

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Clark Thompson <cmthomp1@facstaff.wisc.edu>
Subject: Re: SX-115 S/N's
Message-ID: <33538145.151@facstaff.wisc.edu>

Hi Frank and everyone,

I'll add my 115's S/N to the bunch: 115001 142042. Another question I have is when did Hallicrafters change the style on knobs on the 115? Mine has the later "SR" series-type knobs.

73,

Clark, KD9QI

cmthomp1@facstaff.wisc.edu

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Mike Sewell <K0CRX@compuserve.com>
Subject: RE: SX-115 S/Ns
Message-ID: <199704141924_MC2-144B-81F2@compuserve.com>

Very interesting that BOTH of you guys have serial number 002. I, then, have serial number 001. Must be worth a million dollars!!! But WAIT, if I look closer I see MORE NUMBERS!! AHA, the WHOLE serial number for my

SX-115 is 115001 144038. I suspect yours has more numbers, too. Maybe the sticker has fallen off or you need to clean your glasses!

73, Mike

K 0 Collects Radios eXclusively/WPE0CFK

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: jmlckwd@mindspring.com (Jim Lockwood)
Subject: RE: SX-115 S/Ns
Message-ID: <199704150016.UAA19097@borg.mindspring.com>

At 11:25 PM 4/14/97 GMT, Mike Sewell wrote:

>Very interesting that BOTH of you guys have serial number 002. I, then,
>have serial number 001. AHA, the WHOLE serial number for my
>SX-115 is 115001 144038.

On hallicrafters radios, the left number grouping is the model and engineering version. In this case Mike has version 001 and the other two owners reporting "serial numbers" have engineering version 002.

73,

Jim - km6nk/4

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: azoth@netcom.com (Az0th)
Subject: Re: SX-115 S/Ns
Message-ID: <199704150133.VAA21951@netcom6.netcom.com>

Hi Jim,

> >SX-115 is 115001 144038.
>
> On hallicrafters radios, the left number grouping is the model and
> engineering version. In this case Mike has version 001 and the other two
> owners reporting "serial numbers" have engineering version 002.

Which provokes the obvious question: what's the diff?

Mine's 115001 143047.

73 de KF4FJH - RF Buchanan

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Bob/WB0AUQ <brainbol@idir.net>
Subject: Re: SX-115 S/Ns
Message-ID: <33530106.2FA4@idir.net>

Glad you guys clarified the SX-115 serial numbers.
For a while there I thought mine had never been
built, what with the S/N 115000. Now I seen additional
digits 140051. I get the feeling they started each
version with 14000?? maybe I got number 51??
Is there a knowledgeable SX-115 individual
who can offer some info?
73,
Bob/WB0AUQ/brainbol@idir.net

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Paul E Settle <pauls@inreach.com>
Subject: Re: SX-115 S/Ns
Message-ID: <3352F8B1.15D5@inreach.com>

Is this going on until we get the lowest SX-115 s/n? Guess I'll throw
out mine, 115000 140014 this radio looks to have all of the factory
stickers still attached to the back. I would also like to know about the
numbering sequence.
Paul KE6TPR

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Don Reaves <dr@cei.net>
Subject: SX-28A Stability
Message-ID: <Pine.LNX.3.91.970415012140.24202D-100000@kc5jh.reaves.net>

How stable is the SX-28(A)? Mechanically, it looks good. But what about
electrically? Any undue thermal drift? Mine is dead at the moment, with
two dead tubes - 6B8 and 6SC7, neither of which I can find in my junk box.
The previous owner installed a grape juice can with both ends cut out over
the rectifier tube as a crude shield and inserted a small piece of thick
paper between the brass tension strap of the tuning variable and the steel
frame of the cap. Looks like the can was for a heat shield and the paper
was to increase tension on the rotor plates. Are these old timer's well
known kludges?

Don Reaves WA5BBS dr@cei.net

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: SX-28A Stability
Message-ID: <Pine.SUN.3.91.970415085158.13876A-100000@indy2>

Hi!

Don asked about SX-28 stability. I can only speak for one example, but it's a doozy: thing sat for *years* at a local radio station (I saw it while working weekends ten years ago!), then showed up at a local hamfest a couple years back. (It's a straight SX-28 and probably original to the little station's building, put up by P. R. Mallory for [never begun] television work right before WW II).

Due to weight and lack of space (and a little matter of a fire at work), it sat in the back of my Suzuki "urban assault vehicle" for most of one winter--and those minitrucks don't have much of a ride.

Then I hauled it into work and spent a couple of lunch hours removing one mod and rewiring the power supply; brushed the worst dust out of it, too.

With no more than that, the receiver played fine, and after a short warm-up, was very stable. I left it parked on "shore station" freqs (code practice!) for hours at a time. After being off all night, it took the set 10-15 minutes to settle down, but it would be right where it'd been left after that, and would stay there.

There is *much* yet to be done--all of the original wax/paper condensers but one are still ticking away, spot checks show most of the carbon resistors have drifted up, and I haven't *touched* the alignment--so in my opinion, the SX-28 is a pretty tough device and the inherent stability makes most other Hallis look prettty sad.

73,
--Bobbi

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: SX115 S/N's
Message-ID: <199704151432.JAA25354@server1.ils.net>

At 04:28 PM 4/14/97 GMT, Frank Scutch-EFS003 wrote:
>Hello BAer's:

>While doing the alignment on the SX115, I happened to notice the serial
>number. It has serial no. 2 (S/N 115002) - a piece of history assuming #1

>was the prototype. I think these were pretty pricey in '61 dollars ('97
>dollars for that matter). I'm wondering if anyone knows how many 115's were
>made and what the highest serial number is out there?

>

>Frank, W4FMS

>efs003@email.mot.com

>

I have the same number, 115002, on my SX115 but I also have another number
beside that one. (214754). I think that the first number is a model and
version number i.e model 115 version 002.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997

From: Ho4bart@aol.com

Subject: Re: T2-/CRN-1 help

Message-ID: <970415113024_-667942532@emout17.mail.aol.com>

In a message dated 97-04-14 04:48:56 EDT, swheaton@sky.net (Sheldon Wheaton)
writes:

<<

A pretty curious piece of equipment for sure. I'd be interested in
finding out any other specifics as to its application.

>>

i wonder if that might have been intended to mark where an
enemy submarine submerged, for additional ASW aircraft
that arrive on the scene, or surface craft? the submarines
had slower speed when travelling submerged (i.e. might
not be as distant from diving point as to make a marker
impractical.)

hue miller

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997

From: w7ni@teleport.com (Stan Griffiths)

Subject: Re: Tektronix 545A saga

Message-ID: <199704150552.WAA06037@kim.teleport.com>

>Replacing the 5651 restored the -150V, and bought the positive voltages
>back to about the right value, but all a little low (eg the 225V rail
>is 217V).

>

>Question 1. Should these be exactly 100, 225, 350 & 500 or are mine
>close enough (about 5% low)? I don't want to calibrate the unit
>if these affect calibration.

Hi Dean,

All of these supplies should be within 2% of nominal voltage. If I had one that was 5% off, I would fix it first and then go from there. Yes, it will affect calibration.

>Question 2. Does overvoltage (what was occurring when the 5651 was bad)
>cause these tubes to catastrophically fail?

I have had scopes with wrong power supply voltages running for hours before while I trouble shot the power supplies. I have never had a bunch of 6DJ8s blow out while I was working on the power supply. I have not had multiple 6DJ8 failures so I don't know what causes it. Sorry.

>Changing the 6DJ8 s got the sweep working in a sort of fashion, but
>I noticed that it was worse with the lights out. I remembered that
>there was some discussion on boatanchors by Hank on the 20th Feb 1996:

>

>>Another trouble spot in the circuit are the two neon bulbs in the sweep
>>generator CF (follows the miller integrator plate). The top bulb in
>>the schematic functions as an offset, similar to a zener. The bottom
>>bulb is a clamp to prevent the CF grid from going too negative with
>>respect to the cathode. These are plain NE-2 bulbs, and I've seen them
>>go soggy, fail to fire in the dark, and cause general grief. Both of
>>these should light up when you power the scope up from cold, then go
>>out at the CF warms up and caps charge.

>

>This was the problem - replacing the top bulb got it working fine!

I have certainly had a bunch of bad NE2s in my day. A good one should sustain a drop of 55 volts. They creep higher with age and eventually refuse to fire. I have seen them as high as 75 volts. I would replace any that are more than about 60 volts.

In later instruments, Tek used NE23s instead of NE2s. I think the main difference is that an NE23 has a little spot of radioactive material on it to help it fire in the dark. NE23s should sustain about a 55 volt drop, too.

Hope this helps, Dean.

Stan w7ni@teleport.com

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Walter Dail <dail@CEBAF.GOV>
Subject: TMC SBT-350 Transmitter
Message-ID: <1.5.4.32.19970415145302.0075f56c@jlab.org>

Hello All,

Let me try this again...

After looking at some old ads and write-ups, my curiosity has peaked. Has anyone had any experience with the TMC SBT-350 transmitters? Has anyone seen a used one for sale and how much are they going for? I wouldn't mind getting my hands on one to try for a while...I just have never seen/heard much talk about them. It really looks like a neat transmitter to have, although very large! The TMC receivers are cool.

Later,

Walter Dail - KT4JA

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: midshires@cix.compulink.co.uk (Andrew Emmerson)
Subject: Re: Transaction etiquette
Message-ID: <memo.486860@cix.compulink.co.uk>

I've got to say we're mixing apples with oranges here. We are imputing professional standards of business conduct to amateurs, and most amateurs are not very professional.

Certainly if Fair Radio (USA) or Anchor Surplus (UK) quotes a price for shipping, they ought to stick by it, but most amateurs have no idea of the cost of shipping. Myself, I'm the perpetual optimist and always under-estimate the cost of packing and shipping. As a result I have more than once been out of pocket when I send things to the States, simply because I under-estimated the cost of airmail postage (and felt I couldn't go back to the purchaser and ask for more). But I don't see why one ham should have to pay all or part of the packing and shipping costs out of his own pocket just because he imagined it would cost less.

Your opinion may vary.

73, Andy G8PTH.

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: "Wilkowski,Joe" <Joe_Wilkowski@mc.xerox.com>

Subject: What is a mint R-108 worth ?

Message-ID: <8365533381B7677C8365533381B7677C#064#X-MC-0819-MS2.XEROX@SMF>

Trying to determine the worth of this military receiver. I believe it is relatively a recent rx (late 60's). It is a 20 - 28 Mhz fm receiver and looks like it was probably part of a rx / tx ensemble on a jeep / tank or similar mobile vehicle.

Any info on this would be appreciated.

Thanks in advance ?

joe k8fc

joe_wilkowski@mc.xerox.com

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997

From: "Joseph W. Pinner" <kc5ijd@net-connect.net>

Subject: Re: What is a mint R-108 worth ?

Message-ID: <199704152226.RAA16211@dns1.net-connect.net>

>Trying to determine the worth of this military receiver. I believe it
> is relatively a recent rx (late 60's). It is a 20 - 28 Mhz fm
> receiver and looks like it was probably part of a rx / tx ensemble on
> a jeep / tank or similar mobile vehicle.

The R-108 is a 1950s design - though it saw use probably into the 70s. It was part of the GRC-3, 4, 5, 6, 7, 8 series of equipment (as well as a number of the early VRC- series.

It was used with the RT-66 (which covers the same range) as well as other parts of this type of gear (the RT-70).

The R-109 (27-38.9 Mc) and R-110 (38-54.9 Mc) are the more valuable of the series as they cover parts of the spectrum where FM is used as well as one covering the 6 meter band.

They use internal vibrator power supplies - either 6V, 12V or 24V. There is an AC supply the PP-1175 which can be used with this set and the corresponding RT-66, -67 or -68)

73

Joseph W Pinner

Lafayette, LA

KC5IJD

EMail: kc5ijd@net-connect.net

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: don merz <71333.144@CompuServe.COM>
Subject: What Not To Bring Home
Message-ID: <970415162924_71333.144_DHB29-7@CompuServe.COM>

Here's my ideas on stuff never to bring home regardless of how great a deal it was:

- Tube-type microwave gear
- Taxicab radio base stations in 6-foot 19" racks
- 150 taxicab radios
- A tower before getting approval from the XYL
- A VAX

..and you guessed it, everything on this list did come home with me at one time or another!

73, Don

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: "Douglas M. Gordon" <dmgordon@electriciti.com>
Subject: WTB Globe King 500C HV Plate Xfmr
Message-ID: <1.5.4.16.19970415090055.1d0f2376@electriciti.com>

Hello Folks,

Help, again, please. Need the 4000 vct HV plate xfmr for the King 500C. Will also consider Merit P-3168 or equiv. However, this xfmr is the usual WRL tight fit so choices are limited. Thanks for reading this post.

73,

Doug K6PUN
Carlsbad, CA 92008

From boatanchors@sco.theporch.com Tue Apr 15 09:13:27 1997
From: "Ray Allen,W2KBR" <raallen@erols.com>
Subject: WTB SB/HW Knobs
Message-ID: <33539839.6DBC@erols.com>

Groups: Looking for Dark Green knobs w/chrome skirts found on Heath SB/HW lines and many Heath Acc. Need 3 "regular" knobs, 1 with the small shaft insert, and 1 Flat "lever" type usually found on RF Vol., or tuning shafts.....any about???

Thanks Ray W2KBR/3
8303 Grainfield Rd.
Severn, MD, 21144-2331

From boatanchors@sco.theporch.com Tue Apr 15 17:51:42 1997
From: Laird_Tom_N@hpmail1.90.deere.com
Subject: WTB: HA-5 and SX-140
Message-ID: <H00005a004de7efa@MHS>

I'm looking for two HA-5 VFO's and one SX-140 (maybe S-140?)RX to match my HT-40. If you have one, e-mail me direct with condition and price.

Tom Laird WC9M Moline, IL

TL39597@deere.com

From boatanchors@sco.theporch.com Mon Apr 14 22:38:57 1997
From: Dick Flanagan <dick@merlin.libelle.com>
Subject: WTB: Hammarlund XC-100P
Message-ID: <v03102827af7880c74b4a@[207.33.105.223]>

I'm looking for the plug-in 100 KHz crystal calibrator for an HQ-145A. Anyone have an extra?

--

Dick Flanagan W6OLD CFII Minden, Nevada
Visit <http://wadg.greatbasin.net/siera/>